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NATIONAL LIBRARY OF MEDICINE
NEWS

Vol. XXIX, No. 5 Bethesda, Maryland May 1974

In-House TOXLINE Reduces Costs

TOXLINE—the nationwide, on-line toxicology information retrieval service (*News,* May 1972)—was transferred on April 1 to the National Library of Medicine computer to facilitate accessibility to the system at a major cost reduction to the nation's health professionals. The service was previously offered by NLM through a contractor.

Following formal announcement of the transfer by Dr. Henry M. Kissman, NLM Associate Director for Specialized Information Services, a two-day TOXLINE User Meeting was held on March 26-27 with more than 130 attendees representing 70 percent of the subscribing institutions.

The most welcome news to the users was the new rate schedule. The charge for terminal connect time has now been reduced by 67 percent to $15.00 per hour; off-line prints are down 60 percent to ten cents per page; and initiation fees and training charges have been eliminated. The TOXLINE user community also heard plans to enhance the bibliographic data base with special collections in such areas as teratogenesis, carcinogenesis, and mutagenesis, and possibly to acquire file enrichment entries from other Chemical Abstracts Services and BioSciences Information Services products.

TOXLINE (formerly TOXICON) was first demonstrated in April 1972, with services initiated October 1, 1972. Over 80 commercial, government, and academic institutions have become subscribers to the service. Commercial subscribers make up 60 percent of the total, with the remaining 40 percent divided equally between government agencies and academic institutions.

TOXLINE, which may be accessed by a wide selection of existing terminal devices, is provided through the same nationwide communications network that serves MEDLINE. The service delivered over this network by the Library consists of two related information files: the bibliographic file (TOXLINE) and an associated chemical dictionary (*News,* February-March 1973). TOXLINE contains more than 325,000 citations, almost all with abstracts and/or key terms and Chemical Abstracts Service (CAS) Registry numbers for chemical substances. Retrieval of information is based upon automated full text index techniques permitting the searcher to find the occurrence of any word root which is contained in the title, abstract, or keyword portion of any record. Selected records may be displayed on-line or printed off-line at NLM.

TOXLINE is currently available on an equal access basis. For additional information, or to subscribe to the service, contact: National Library of Medicine, Toxicology Information Program, 8600 Rockville Pike, Bethesda, Maryland 20014.

History of Legal Medicine

International Bibliography of the History of Legal Medicine. Casebound. 1974. Price: $5.50 ($6.90 foreign). GPO Stock Number: S/N 1752-00148. Order from Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. (See *News,* Publications Supplement, February-March 1974 for general ordering information; a related publication, *International Bibliography of Medicolegal Serials,* is cited on page 6 of the Supplement.)

This new bibliography, compiled by Jaroslav Nemec, Jur. D., of the NLM Reference Services Division, provides an annotated list of citations to published material on the history of legal medicine in the holdings of the National Library of Medicine and other sources. Scope includes the history of legal medicine and toxicology, forensic psychiatry, forensic dentistry, medical ethics, the legal status of the medical profession, jurisprudence

U.S. Department of Health, Education, and Welfare
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NATIONAL LIBRARY OF MEDICINE
NEWS

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in medicine (malpractice, etc.), quackery, legislation relating to the above subjects, war crimes of a medical nature, and international medical law.

Paulo Zachia (1584-1659), author of *Quaestiones Medico-legales,* considered to be the cornerstone of legal medicine.

WHO Plans Network

NLM Director Martin M. Cummings, M.D., reported at the March 21-22 Board of Regents meeting that the World Health Organization has set as a priority to assist developing countries through an international biomedical communications network centered in Geneva, Switzerland. WHO's dynamic new Director General, Dr. H. Mahler, is considering the establishment of regional libraries in Africa, Southeast Asia, and the Mediterranean region, patterned after the Sao Paulo library which NLM helped to create in Brazil.

NMAC Self-Instructional Units

A fourth title is now available in the National Medical Audiovisual Center's *Pediatric Newborn Series* (*News,* February-March 1974)—a series of slide/tape, self-instructional units developed by NMAC in Atlanta for sale by the National Audiovisual Center, General Services Administration, Washington, D.C. 20409. Further information about this title and the other series listed below is available by writing NAC in Washington.

The Perinatal Assessment of Maturation (S-2810). Price: $23.00. 118 2x2 color slides and audiotape (available in ⅛″ or ¼″ reel; cassette with audible or inaudible advance signals, at customer's option). Discusses four methods for determining gestational ages of infants and how to categorize infants into preterm, term, and post-term groupings; how to plot infant weights on an intrauterine growth chart; and how to identify the major problems to be anticipated.

Congenital Heart Disease

A five-part series titled *Introduction to Congenital Heart Disease* is also available. This prize-winning unit (*News,* November 1973), like the *Pediatric Newborn Series,* is designed for second and third-year medical students, nursing students, and physician associates. The titles in the series are as follows:

Perinatal Circulation (S-2803). Price: $14.00. 60 2x2 color slides and audiotape (same options listed for S-2810). Explains the interrelationships of flow, pressure, and resistance; compares the adult and fetal circulations; demonstrates the three fetal shunts and their mechanisms of closure; and discusses causes and effects of postnatal pulmonary vasodilation.

General Background (S-2804). Price: $10.00. 43 slides and audiotape. Defines congenital heart disease, discusses its incidence and multifactorial etiology, and reviews normal cardiovascular hemodynamics.

Common Acyanotic Lesions (S-2804). Price: $12.00. 50 slides and audiotape. Discusses the

three major categories of congenital heart disease and classifies specific congenital heart defects into one of these categories. Discusses the site of obstruction or site of shunting of the most common acyanotic lesions; the typical chamber oxygen saturations and pressures of the common acyanotic defects; and explains the term "compliance."

Common Cyanotic Lesions (S-2806). Price: $14.00. 45 slides and audiotape. Discusses the two general anatomic features which are usually present in cyanotic heart malformations; and demonstrates the sites of communications and obstruction and the direction of blood flow in three common cyanotic lesions: tetralogy of Fallot, transposition of the great arteries, and tricuspid atresia.

The Large Ventricular Septal Defect in Infancy (S-2807). Price: $15.00 51 slides and audiotape. Discusses the changes in pulmonary and systemic resistances which occur during the perinatal period in the normal infant, and in the infant with a large ventricular septal defect; discusses four major pathophysiologic conditions which cause pulmonary arteriolar vasoconstriction; and outlines the sequence of events that leads to pulmonary edema in an infant with a large ventricular septal defect.

Pediatric Ambulatory Series

Two self-instructional units in this series are now available from the National Audiovisual Center in Washington:

The Acute Asthmatic Attack (S-2874). Price: $12.00. 55 2x2 color slides and audiotape (same options as above). Discusses historical and physical findings that suggest a diagnosis of asthma; three major disease entities to be considered in the differential diagnosis of acute asthma and distinguishing features of each; major pathological changes of the acute asthmatic attack; and drug management.

Febrile Convulsions (S-2877). Price: $18.00. 72 2x2 color slides and audiotape. Defines a febrile convulsion; outlines the immediate management of the child in a febrile convulsion; presents the rationale for two different views concerning the indication for lumbar puncture; discusses the prognosis; and describes three modes of long-term management.

The Regional Medical Libraries*--Region I

by Mary E. Feeney, Director

New England Regional Medical Library Service

The New England Regional Medical Library Service (NERMLS) was established in June 1967 to serve the six-state area comprising Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont. In addition to the document delivery service and regional reference services, NERMLS has concentrated especially on community hospital library development, and it is this distinctive feature of our service that I would like to emphasize.

Based in Boston in The Francis A. Countway Library of Medicine, NERMLS, early in its history, entered into collaboration with the Postgraduate Medical Institute, the educational arm of the Massachusetts Medical Society. That collaboration produced "A Core Medical Library for Practitioners in Community Hospitals," a widely used list of titles. "The Core" was designed to provide a relatively inexpensive collection of authoritative, comprehensive, and current texts and journals appropriate to patient care. Though widely known, "The Core" is sometimes misunderstood as *simply* a list of useful titles. "The Core" is more than that. As Dr. Norman Stearns, its author, has often pointed out, "The Core" is really a concept: "The basic requirements of the core collection are that all major areas of medical practice be covered in the book collection, that a minimal number of high quality journals be included, that a carefully chosen collection of reference tools be acquired, and that all materials be readily accessible and logically arranged for the health scientist."

*Editor's Note: The Regional Medical Library (RML) program is administered by the National Library of Medicine through funds provided under the Medical Library Assistance Act. This article begins a series on the eleven RMLs forming the backbone of the Nation's Biomedical Communications Network. To avoid repeating discussions of their common features (interlibrary loan, reference services, etc.), the individual RMLs are being asked to emphasize the unique features of their programs.

Dr. Stearns has made these points repeatedly at NERMLS' Library Training Institute presentations to hospital library personnel who, lacking library training and/or experience at any level, come to NERMLS for a five-day intensive training session in elementary library operations. Twelve such training institutes have been offered since 1969, and 254 students have been trained. In response to student demand, one-day workshops on audiovisuals and management aspects of hospital libraries have been offered since 1972.

As a corollary and supporting program, two five-day Health Information Specialist (HIS) programs have been presented. Briefly, the emphasis of the HIS presentations has been on the urgent need for the hospital and its librarian to realize their essential function as educators. (The HIS concept and an expanded exposition of it will be described in the July 1974 issue of the *Bulletin of the Medical Library Association.*)

Cooperating with Case Western Reserve University, the Librarian of The Francis A. Countway Library of Medicine and Principal Investigator for NERMLS, Harold Bloomquist, served as chief editor of *Library Practice in Hospitals, A Basic Guide,* Cleveland, The Press of Case Western Reserve University, 1972. Based to a very large extent on the Library Training Institute philosophy and experience and tailored to assist the same target audience, "The Book," (as we call it) was out of print six months after publication. A second printing is nearly sold out, and a second edition is being planned.

Small health-science library consultation has been offered since 1970 through site visits to hospital and other small health-science libraries in New England. Wide Area Telephone Service (WATS) has supported this site visit effort and additionally has had, over time, the effect of cementing personal and institutional relationships

An interior view of The Francis A. Countway Library of Medicine.

among New England's medical libraries.

The RML-designate in New England has not, however, worked alone. The Region's several medical school libraries have provided yeoman extension service to local constituents: document delivery service, reference service, consultation service, and training. The Boston College School of Nursing has opened its collections to the nursing community in New England through provision of the literature to that important health-professional group.

The Resource Librarians—from Maine to Connecticut—have worked in concert with one another to hammer out what we term "The Plan" for the future of Region I as a whole, a plan to advance the common cause of providing biomedical library services to the health scientist wherever he is working.

When the NLM guidelines for RMLs were published in the April 1972 issue of the *Bulletin of the MLA*, NERMLS was ready to focus its consulting efforts on the identification of consortia of hospital (basic unit) libraries. The formally organized and now-operational West Suburban Hospital Association Consortium for Information Resources is a pilot collaboration of twelve hospitals in the Boston area. (The project director Mrs. Wendy Fink, and NERMLS consultant Michael Torrente, will conduct a NERMLS-sponsored workshop on the Health-Science Library Consortium in the Regional Medical Library Program, May 1974.)

Region I is far from being the best of all possible things in the best of all possible worlds, but as time goes on, as plans to revise "The Core" take shape, as "The Book" moves toward a second edition, as "The Plan" begins to jell, there is growing evidence throughout Region I that concentration on hospital library development has made and will continue to make substantial contributions to the health-scientist—and ultimately, of course, to the good health of New England.

Broering and Smith Honored

Two NLM employees have been selected to receive Superior Service Awards by the Department of Health, Education, and Welfare. Arthur J. Broering, Deputy Associate Director for Extramural Programs, and Kent A. Smith, Assistant Director for Administration, will receive the awards from Dr. Robert S. Stone, NIH Director, at ceremonies later this spring.

Arthur J. Broering

Kent A. Smith

Mr. Broering, who began his association with NLM as an architect for the Construction Grant Program in 1966, directed the program that established the first Regional Medical Libraries. He was cited in this award for "his considerable contributions to the guidance and development of the grant programs of the National Library of Medicine and to the direction and growth of the Regional Medical Library System."

Mr. Smith has been with the Library since 1971, first as Executive Officer, and since 1973, as Assistant Director for Administration. He was cited for "his exceptional competence as an administrator, his unique and lasting contribution to the management of the National Library of Medicine, and his dedication to the highest traditions of public service."

NLM Serial Gap List—No. 4

The following journal issues are this month's continuation to the list of gaps in NLM's collection. If you can furnish any of these items, please address them to:

Technical Services Division—GAPS
National Library of Medicine
8600 Rockville Pike
Bethesda, Maryland 20014

Journal of Sex Research 3, 1967; 4, 1967; 4, 1968; 5:1, 1969; 8, 1972

Journal of Special Education 2:4, 1969

Journal of the Canadian Dental Association 34:7-12, 1968; 39:4, 1973

Journal of the Georgia Dental Association 44, 1970/71; 45:2, 1971

Journal of the Kansas Medical Society 73:2-6, 1972

Journal of the Mississippi State Medical Association 13:6, 1973

Journal of the Missouri Dental Association 53:5, 1973

Journal of the Oklahoma State Dental Association 47:2, 1957; 57:4, 1967; 59:4, 1969; 61:1-3-4, 1970; 62:2, 1971

Journal of the Southern California Dental Association 40:2, 1970

Life-Threatening Behavior 2:2-3, 1972

Linacre Quarterly 38:3, 1971

Lipids 8:2, 1973

MED 2 or 8, 1971

Major Problems in Clinical Pediatrics 8, 1972

Major Problems in Clinical Surgery 3, 1965; 5, 1966; 6, 1967

Major Problems in Obstetrics & Gynecology 3, 1971; 4, 1972

Measuring for Medicine and the Life Sciences 6: 2-4, 1971/72

Medical Communications 1:1, 1973

Medical Economics 42:25, 1965

Medical Group Management 4:4-6-8, 1971; 5:4, 1972; 6:3-5, 1973

Medical Letter on Drugs and Therapeutics 15:7-11-13, 1973

Medical Record News 42, 1971

Medical Surgical Journal 6:4, 1971

Mental Health in Virginia 19:1-2, 1968/69; 22, 1972; 23:1, 1973

Mental Hygiene 53, 1969

Methods in Molecular Biology 2, 1971(?)

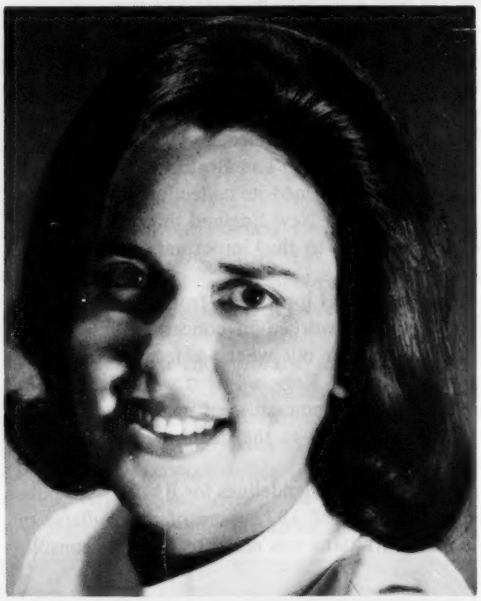
Michigan Medicine 66:2-4-8, 1967; 67:23, 1968; 68:23, 1969; 70:1-4-6-10-15-17-18-28, 1971; 71:2-3-7-10-25-26, 1972; 72:2-4-5-8-10-16, 1973

Microbial Toxins 2B, 1971(?)

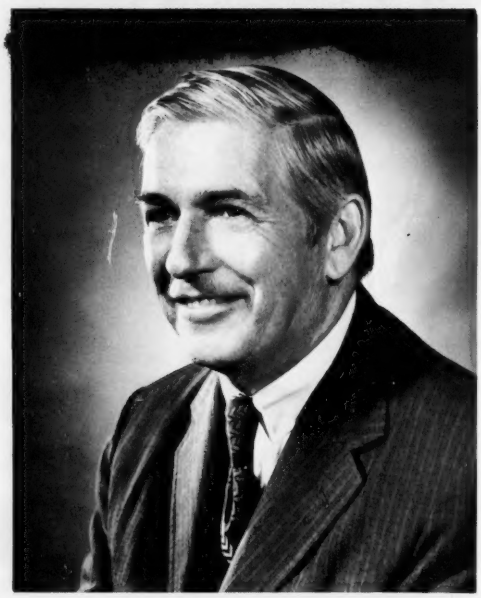
Molecular Pharmacology, 6, 1970

Monographs of the Physiological Society 21, 197—(?); 2-27, 1972

Monographs of the Society for Research in Child Development 29:96-98, 1964



Ethel Weinberg, M.D., Associate Dean of the Medical College of Pennsylvania, and Joseph F. Volker, D.D.S., Ph.D., President of the University of Alabama, the two new members of the NLM Board of Regents (NEWS, April 1974), attended their first Regents meeting held in Tallahassee, Florida, March 21-22. The meeting was chaired by John P. McGovern, M.D., Chairman of the University of Texas Department of the History of Medicine, and hosted by Dr. J. Stanley Marshall, President of Florida State University.



New Literature Searches

For single copies of the following bibliographies, send a self-addressed gummed label with number and title of the requested searches to Literature Search Program, Reference Section, National Library of Medicine, 8600 Rockville Pike, Bethesda, Maryland 20014.

L.S. No. 74-1 *Nutrition in burns.* January 1970 through January 1974. 47 citations.

L.S. No. 74-2 *Rehabilitation in spinal cord injuries.* January 1970 through January 1974. 173 citations.

L.S. No. 74-3 *Genetic counseling* (updates L.S. No. 71-2). April 1971 through January 1974. 363 citations.

L.S. No. 74-4 *Genetic intervention* (with emphasis on ethical, legal, and religious aspects of genetic control). January 1970 through January 1974. 123 citations.

NLM Support for Polish and Yugoslavian Journals Ends

National Library of Medicine support for the translation into English and/or publication of ten Polish and three Yugoslavian biomedical journals has been discontinued. The last issues of the titles discontinued under this program are as follows:

Acta Biochimica Polonica, Vol. 19, No. 4, 1972

Acta Physiologica Polonica, Vol. 23, No. 6, 1972

Acta Poloniae Pharmaceutica, Vol. 29, No. 6, 1972

Archivum Immunologiae et Therapiae Experimentalis, Vol. 20, No. 6, 1972

Epidemiological Review, Vol. 26, No. 4, 1972

Experimental Medicine and Microbiology, Vol. 24, No. 4, 1972

Folia Morphologica, Vol. 31, No. 4, 1972

Polish Endocrinology, Vol. 23, No. 6, 1972

Polish Medical Journal, Vol. 11, No. 6, 1972

Polish Review of Radiology and Nuclear Medicine, Vol. 36, No. 6, 1972

Acta Medica Iugoslavica, Vol. 26, No. 4, 1972

Archives of Biological Sciences, Vol. 23, No. 1/2, 1971 (pub. 1972). (Vols. 22, 1970 and 24, 1972 are in press and should appear by the end of 1974.)

Medical Journal, Vol. 94, No. 12, 1972

The Polish Academy of Sciences has decided to continue publication of the English editions of *Acta Biochimica Polonica, Acta Physiologica Polonica,* and *Folia Morphologica. Acta Biochimica Polonica* is available on subscription ($12.00 a year) from Ars Polona—Ruch, P.O. Box 154, Warszawa 1, Poland. The other two titles are sold through Karger Libri, Petersgraben 15, CH-4000 Basel 11, Switzerland.

Publication Notes

1973 CIM Now Available

If you placed an advance order for the 1973 edition of *Cumulated Index Medicus* with the Government Printing Office, your books should be on their way to you by the time you receive this newsletter. If you haven't ordered, you may still do so using the "advance" order forms available from the Office of Inquiries, NLM, and also included with some of the 1974 issues of *Index Medicus* and *Abridged Index Medicus.* Use of the special forms should expedite handling by GPO, although you may also order in the regular manner following instructions outlined in the February-March Publications Supplement to the *News.* The eight-volume set sells for $155.50 ($194.40 foreign), is sold only in complete sets, and is shipped in two cartons. Incidentally, this year the cartons are color coded: the first half (volumes 1-4) are in a red carton, the last half (volumes 5-8) in a blue carton. If you encounter problems, use the claim form included as the last page of the Publications Supplement.

Erratum

The price listed in the February-March Publications Supplement for the *MEDLINE Reference Manual* (see page 9) was incorrectly cited as $5.45; the correct price is $5.75.

1972 CIM Out of Print

The Library has been informed by the Government Printing Office that GPO's supply of the 1972 edition of *Cumulated Index Medicus* (Volume 13) is exhausted. It is uncertain at this time whether GPO will reprint. Further information on possible reprints by GPO or a commercial reprint company will be announced in the *News* as soon as the information is available.

1970 CIM to be Reprinted

Inquiries regarding a planned reprint edition of the 1970 *Cumulated Index Medicus* may be sent to Arno Press Inc., 330 Madison Avenue, New York, NY 10017.

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